### IAP12 Rec'd PCT/FTO 28 APR 2006

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

Based on PCT/JP2004/0016457

Filed:

Intl. Filing 29 OCTOBER 2004

1<sup>st</sup> Inventor:

Satoru OI

For:

Pyridine Compounds as Inhibitors of Depeptidyl

Peptidase IV

Atty. Dkt. No.

3202 US0P

Art Unit:

tba

Examiner:

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Batch:

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Paper No.

#### **Information Disclosure Statement**

MAIL STOP PCT P.O. Box 1450 Commissioner for Patents Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, 1.97 and 1.98, Applicants request consideration of the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B. A legible copy of each listed reference is herewith being provided to the Examiner.

This Information Disclosure Statement is being submitted within 3 months of the filing date of the above-identified application, and before the mailing date of the first Office Action on the merits, thus, no certification or fee is required.

Applicants respectfully request that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of the attached forms be returned in accordance with MPEP §609.

Should the Examiner believe that a conference with Applicants' attorney would advance prosecution of this application, the Examiner is respectfully requested to call Applicants' attorney.

Dated:

 $(847) \cdot 383 - 3372$ 

(847) 383-3391

Respectfully submitted

Mark Chao, Ph.D., Reg. No. 37,293

Elaine M. Ramesh, Ph.D., Reg. No. 43,032

Attorney for Applicants
Customer No. 23115

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department 475 Half Day Road Lincolnshire, IL 60069 USA

# IAP12 Rec'd PCT/PTO 28 APR 2006 PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it contains a valid OMB control number.

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Subs	Substitute for form 1449/PTO		Complete if Known		
			Application Number	Based on PCT/JP2004/016457	
iN	INFORMATION DISCLOSURE		Filing Date	Intl. Filing 29 OCT 2004	
			First Named Inventor	Satoru OI	
S	TATEMENT BY		Art Unit	tba	
	(Use as many sheets as necessary)		Examiner Name	tba	
Sheet	1 0	f 5	Attorney Docket Number	3202US0P	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	<sup>US-</sup> 5,925,645	07-20-1999	G. Schmidt, et al.	
	A2	<sup>US-</sup> 6,218,431	04-17-2001	W.R. Schoen, et al.	
	A3	<sup>US-</sup> 2003/0195188 A1	10-16-2003	H. Boehringer, et al	
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		FORE	IGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
	A4	WO 97/40832 - Abstract only	11-06-1997	Hans-Knoll-Institut		
	A5	WO 01/72290 A2	10-04-2001	Pro-Biodrug Gesellschaft		Г
	A6	WO 99/38501	08-05-1999	Trustees of Tufts Univ.		Г
	A7	WO 01/47514 A1	07-05-2001	Novartis AG		
	A8	WO 01/62266 A2	08-30-2001	Novo Nordisk A/S		
	A9	WO 02/083109 A1	10-24-2002	Ferring BV		

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Complete if Known Substitute for form 1449/PTO **Application Number** Based on PCT/JP2004/016457 Filing Date Intl. Filing 29 OCT 2004 INFORMATION DISCLOSURE First Named Inventor Satoru OI STATEMENT BY APPLICANT Art Unit tba (Use as many sheets as necessary) **Examiner Name** tba Sheet |2 Attorney Docket Number 3202US0P

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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			GN PATENT DOCU	JMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
		WO 03/045228 A2	06-05-2003	Trustees of Tufts Coll. etal		
	A11	WO 99/61431 -Abstract only	12-02-1999	Pro-Biodrug Gesellschaft		П
	A12	EP 0742208A1	11-13-1996	Grelan Pharmaceutical Co.		
	A13	WO 01/97808 A1	12-27-2001	Smithkline Beecham PLC		
	A14	JP 64-029979 - Abstract only	01-31-1989	Mitsubishi Electric Corp.		
	A15	WO 01/52825 A2	07-26-2001	Novartis AG		

Examiner		Date	
Signature		Considered	
*EXALABLE 1.55			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 3

(Use as many sheets as necessary)

of 5

**Application Number** Based on PCT/JP2004/016457 Filing Date Intl. Filing 29 OCT 2004 First Named Inventor Satoru OI Art Unit tba **Examiner Name** tba Attorney Docket Number 3202US0P

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			PATENT DOCL	JMENTS		
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
	A16	WO 2003/068757 A1	08-21-2003	F. Hoffmann-LaRoche AG		
	A17	WO 2004/031374 A2	04-15-2004	Probiodrug AG		
		WO 2004/104216 A2	02-12-2004	Bayer Healthcare AG		
	A19	WO 2004/017989 A1	04-03-2004	Probiodrug AG		П
	A20	WO 92/20659	11-26-1992	Monsanto Company		
	A21	WO 2004/014860 A2	02-19-2004	Takeda Chemical Industries		

Examiner	 Date	
Signature	Considered	
*FVALUED		

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO	Complete if Known		
	Application Number	Based on PCT/JP2004/016457	
INFORMATION DISCLOSURE	Filing Date	Intl. Filing 29 OCT 2004	
	First Named Inventor	Satoru OI	
STATEMENT BY APPLICANT	Art Unit	tba	
(Use as many sheets as necessary)	Examiner Name	tba	
Sheet 4 of 5	Attorney Docket Number	3202US0P	

	U. S. PATENT DOCUMENTS						
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	FOREIGN PATENT DOCUMENTS									
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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	if known)		Of Noisvant Figures Appear	'				
	A22	WO 99/41237	08-19-1999	G.D. Searle & Co.						
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				Application Number	Based on PCT/JP2004/016457	
INF	ORMATION	DIS	SCLOSURE	Filing Date	Intl. Filing 29 OCT 2004	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Satoru OI	
(Use as many sheets as necessary)				Art Unit	tba	
				Examiner Name	tba	
Sheet	5	of	5	Attorney Docket Number	3202US0P	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A23	G.V. PAVEL, et al., "Condensation of Aldehydes and Ketones. XVIII. Aminomethylation of Methylene- and Benzylidenediacetophenone", Khimiya Geterotsiklicheskikh Soedinenii, (1968), 3: 484-486	V
	A24	A. SAMMOUR, et al., "Base Catalyzed Addition Reaction with Diaroyl Ethylenes and Some Chalcones", Egyp. J. Chem. (1977), 19(6): 989-1011	
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Examiner		Date		
Signature		Considered	1	

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